

## SEQUENCE LISTING



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<120> PEPTIDES FOR INDUCING APOPTOSIS IN TUMOR CELLS

<130> 085449-0158

<140> 10/519,539  
<141> 2005-03-15

<150> PCT/EP03/06958  
<151> 2003-07-01

<150> EP 02014074.5  
<151> 2002-07-01

<160> 133

<170> PatentIn version 3.3

<210> 1  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 1  
Trp Leu Gly Thr Phe Ser Gly Thr Cys Ser Thr Ala Phe Tyr Phe Pro  
1 5 10 15

Leu Gly Val Pro  
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<210> 2  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 2  
Cys Arg Trp Leu Arg Thr Lys Arg Thr Leu Pro Leu Phe Ser Val Met  
1 5 10 15

Pro Phe Trp Cys  
20

<210> 3  
<211> 31  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 3  
Met Tyr Ser Asn Val Ser Val Asp Val Ala Ala Asp Gly Val Ser Cys  
1 5 10 15

Val Cys Cys Ser Trp Ser Val Gln Asn Asp Arg Pro Asp Ser Gly  
20 25 30

<210> 4  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 4  
Tyr Lys Trp Arg Met Gly Val Tyr Leu Ser Gly Val Arg Leu Met Arg  
1 5 10 15

Ala Phe Ile Ile  
20

<210> 5  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 5  
Val Ser Tyr Arg Thr Cys Thr Ala Gly Gly Gln Met Ser Arg Trp Arg  
1 5 10 15

Leu Phe Ile Ile  
20

<210> 6  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 6  
Gly Tyr Ser Leu Thr Ser Met Ser Ala Phe Ala Val Arg Pro Cys Val  
1 5 10 15

Cys Gly Ser Leu  
20

<210> 7  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 7  
Trp Leu Gly Thr Phe Ser Gly Thr Cys Ser Thr Ala Phe Tyr Phe Pro  
1 5 10 15

Leu Gly Val Pro  
20

<210> 8  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 8  
Thr Asn Phe Arg Pro Ser Pro Thr Phe His Ala Ile Leu Leu Trp Pro  
1 5 10 15

Asn Thr Phe Ser  
20

<210> 9  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 9  
Val Gly Leu Gly Gly Trp Cys Phe Asp Cys Tyr Trp Val Ala Trp Asp  
1 5 10 15

Phe Gln Thr Gln  
20

<210> 10  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 10  
Phe Trp Asp Tyr Cys Gly Pro Leu Ile Cys Leu His Cys Asn Leu Gly  
1 5 10 15

Arg Cys Val Ser  
20

<210> 11  
<211> 5  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 11  
Met Met Asp Ser Ala  
1 5

<210> 12  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 12  
Ala Ser Leu Arg Leu Tyr Pro Ile Gly Gly Thr Val Pro Phe Gly Arg  
1 5 10 15

Thr Gly Ala Gly  
20

<210> 13  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 13  
Gly Asp Tyr Gly Cys Cys Trp Val Val Thr Thr Gly Val Gly Val Arg  
1 5 10 15

Cys Tyr Val Trp  
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<210> 14  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 14  
Ala Cys Trp Ala Leu Trp Ser Leu Phe Arg Gln Asp Leu Leu Leu Val  
1 5 10 15

Ile Thr Phe Asp  
20

<210> 15  
<211> 31  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 15  
Asp Ser Ala Pro Gly Glu Arg Tyr Phe Val Asp Phe Leu Gly Val Ser  
1 5 10 15

Phe Ala Cys Val Trp Ser Val Gln Asn Asp Arg Pro Asp Ser Gly  
20 25 30

<210> 16  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 16  
Ile Pro Trp Ala Pro Pro Met Tyr Phe Ala Asp Ser Asn Val  
1 5 10

<210> 17  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 17  
Thr Pro Ser Cys Arg Ala Gly Val Leu Arg Cys Thr Gly Cys Phe Gly  
1 5 10 15

Val Arg Ser Gly  
20

<210> 18  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 18  
Leu Trp Arg Cys Arg Thr Val Ser Ala Tyr Leu Ser Trp Leu Arg His  
1 5 10 15

Tyr Ser Ser Ser  
20

<210> 19  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 19  
His Ser Arg Pro Ala Leu Cys Met Val Ser Leu Arg Trp Ala Arg Ser  
1 5 10 15

Leu Trp Ile Val  
20

<210> 20  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 20  
Trp Thr His Val Trp Val Gly Trp Leu Val Ala Gly Met Ser  
1 5 10

<210> 21  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 21  
Arg Phe Arg Cys Arg Ala Asp Leu Cys Val Thr Leu Thr Val Leu Ser  
1 5 10 15

Phe Leu Ala Gln  
20

<210> 22  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 22  
Cys Leu Glu Thr Leu Arg Val Cys Pro Tyr Val Ala Arg Ile Ala Ile  
1 5 10 15

Gln His Leu Arg  
20

<210> 23  
<211> 20  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: Synthetic peptide  
  
<400> 23  
Leu Leu Ala Trp Arg Val Gln Gln Ser Arg Pro Leu Pro Tyr Leu His  
1               5                   10                   15

Ile Ala Phe Ile  
20

<210> 24  
<211> 20  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: Synthetic peptide  
  
<400> 24  
Pro Pro Pro Leu Thr Gly Arg Trp Ser Arg Gln Cys Val Ser Val Phe  
1               5                   10                   15

Gly Ile Val His  
20

<210> 25  
<211> 20  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Description of Artificial Sequence: Synthetic peptide  
  
<400> 25  
Cys Trp Ile His Arg Ala Trp Met Leu Ser Trp His Gly Val Trp Ser  
1               5                   10                   15

Leu Thr Leu Val  
20

<210> 26  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 26  
Ala Pro Pro Ile Ser Gly Arg Trp Arg Gly Leu Tyr Met Arg Ser Arg  
1 5 10 15

Phe Val Ser Leu  
20

<210> 27  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 27  
Val Arg Leu Phe Ile Val Cys Ile Ile Cys Cys Leu Met Leu Leu  
1 5 10 15

Val Gly

<210> 28  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 28  
Ile Pro Ser Cys Ser Val Leu Val Cys Leu Cys His Leu Ala Arg Leu  
1 5 10 15

Trp His Cys Glu  
20

&lt;210&gt; 29

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 29

Cys Ser Val Met His Val Phe Arg Val Gly Pro Gly Ser Ser Gly Ser  
1 5 10 15Leu Ser Cys Gly  
20

&lt;210&gt; 30

&lt;211&gt; 42

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 30

Arg Ala Thr Tyr Trp Phe Arg Ser Arg Tyr Gln Val Val His Arg Ser  
1 5 10 15Arg Leu Pro Tyr Gly Pro Leu Ile Val Val Gly Ile Gly Ala Leu Asn  
20 25 30Leu Glu Leu Asn Arg Thr Leu Leu Cys Ser  
35 40

&lt;210&gt; 31

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 31

Ser Leu Ala Ile Trp Ser Thr Gln Ser Cys Ala Arg Cys Gln Cys Thr  
1 5 10 15Leu Ser Arg Val  
20

<210> 32

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 32

Phe Trp Phe Leu Pro Ala Pro Pro Cys Lys Cys Gly Leu Leu Tyr Arg  
1 5 10 15

Leu Ser Val His

20

<210> 33

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic péptide

<400> 33

Leu Ala Gly Arg His Phe Ser Arg Val Val Asp Arg Ile Arg Tyr Arg  
1 5 10 15

Leu Leu Trp Thr

20

<210> 34

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 34

Met Pro Ile Pro Pro Leu Cys Arg Ser Ala Gly Arg Leu Leu Tyr Leu  
1 5 10 15

Tyr Thr His Tyr

20

<210> 35

<211> 20

<212> PRT

<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 35  
Tyr Thr Leu Pro Ser Val Leu Leu Cys Leu Met Arg Thr Gly Met Leu  
1 5 10 15

Arg Cys Ala Cys  
20

<210> 36  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<220>  
<221> MOD\_RES  
<222> (18)  
<223> Variable amino acid

<400> 36  
Gly Met Pro Ile Arg Ala Ser Pro Cys Tyr Leu Gly Val Asp Gly Trp  
1 5 10 15

Cys Xaa Thr Leu  
20

<210> 37  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 37  
Lys Pro Trp Glu Tyr Leu Arg Met Phe Pro Trp Met Arg Val Ala Arg  
1 5 10 15

Phe Phe Ile Trp  
20

<210> 38

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 38

Ala	Leu	Leu	Met	Phe	Gly	Cys	Pro	Asn	Trp	Phe	Ala	Ser	Trp	Arg	Leu
1				5					10					15	

His Leu Phe Ile

20

<210> 39

<211> 35

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 39

Glu	Phe	Gly	Ser	Gly	Leu	Val	Ser	Gly	Arg	Gly	Ile	Ile	Val	Arg	Arg
1				5				10					15		

Met Leu Phe Leu Arg Val Leu Leu Trp Val Leu Arg Ser Ala Glu Ile  
20 25 30

Tyr Glu Ser

35

<210> 40

<211> 32

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 40

Gly	Pro	Phe	Glu	Asn	Trp	Arg	Val	Glu	Glu	Leu	Ala	Arg	Gly	Arg	Tyr
1				5				10				15			

Arg Met His Gly Asp Val Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

&lt;210&gt; 41

&lt;211&gt; 24

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 41

Gly Pro Ile Asp Cys Ile Ile Phe Leu Leu Trp Tyr Ser Arg Gln Gln  
1 5 10 15Arg Gly Gly Ser Arg Gly Gly Pro  
20

&lt;210&gt; 42

&lt;211&gt; 33

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 42

Gly Ser Arg Phe Arg Val Phe Val Cys Ser Leu Phe Ser Phe Leu Ser  
1 5 10 15Gly Arg Gly Gly Val Val Val Leu Arg Ser Ala Glu Ile Tyr Glu  
20 25 30

Ser

&lt;210&gt; 43

&lt;211&gt; 32

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 43

Gly Pro Phe Lys Arg Cys His Glu Arg Leu Val Ala Phe Ala Arg Cys  
1 5 10 15Trp Phe Met Trp Ser Met Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

<210> 44  
<211> 32

<212> PRT  
<213> Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 44

Gly Pro Ser Asn Asp Asn Gln Leu Val Leu Arg Val Arg Ile Leu Arg  
1 5 10 15

Val Leu Ile Val Met Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

<210> 45  
<211> 27

<212> PRT  
<213> Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 45

Glu Phe Arg Val Arg Arg Met Arg Leu Leu Val Arg Leu Met Gly Ser  
1 5 10 15

Asp Asp Ser Gly Thr Ile Pro Asp Phe Gly Pro  
20 25

<210> 46  
<211> 24

<212> PRT  
<213> Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 46

Gly Pro Ser Leu Gln Phe Leu Glu Val Val Val Ser Cys Tyr Met Val  
1 5 10 15

Leu Tyr Asp Leu Ser Lys Gly Pro  
20

<210> 47  
<211> 34

<212> PRT  
<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 47

Gly Pro Gln Pro Phe Cys Ser Pro Pro Ser Phe Tyr Thr Arg Leu Leu  
1 5 10 15Ile Ile Val Arg Leu Leu Ser Leu Asp Leu Gln Arg Ser Ser Asn Arg  
20 25 30

Arg Tyr

&lt;210&gt; 48

&lt;211&gt; 23

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 48

Gly Pro Ala Pro Leu Ser Leu Cys Val Cys Lys Cys Gly Cys Gly His  
1 5 10 15Thr Arg Pro Phe Val Gly Pro  
20

&lt;210&gt; 49

&lt;211&gt; 21

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 49

Gly Pro Asp Val His Ile Trp Gln Ser Ile Ile Phe Tyr Ala Met Arg  
1 5 10 15His Met Met Gly Pro  
20

&lt;210&gt; 50

&lt;211&gt; 35

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 50

Glu Phe Gly Ser Gly Cys Gly Cys Phe Val Arg Gly Arg Ile Val Arg  
1 5 10 15Ile Arg Cys Val Ile Leu Leu Leu Arg Val Leu Arg Ser Ala Glu Ile  
20 25 30Tyr Glu Ser  
35

&lt;210&gt; 51

&lt;211&gt; 32

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 51

Gly Pro His Ser Ser Ala His Asp Arg Ile Trp Leu Arg Val Arg Gly  
1 5 10 15Leu Arg Ile Ile Leu Leu Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

&lt;210&gt; 52

&lt;211&gt; 35

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 52

Glu Phe Gly Ser Gly Leu Cys Val Arg Arg Trp Trp Gly Met Ser Val  
1 5 10 15Gly Ser Arg Ile Met Leu Val Met Leu Val Leu Arg Ser Ala Glu Ile  
20 25 30Tyr Glu Ser  
35

<210> 53

<211> 35

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 53

Gly Pro Val Tyr Ser Glu Ala Phe Val Cys Leu Val Cys Ala Gly Val  
1 5 10 15

Cys Val Glu Glu Cys Gly Gly Ser Leu Asp Leu Gln Arg Ser Ser Asn  
20 25 30

Arg Arg Tyr

35

<210> 54

<211> 24

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 54

Gly Pro Ile Glu Thr Val Gly Phe Ile Val Arg Leu His Thr Leu Leu  
1 5 10 15

Met Val Leu Arg Arg Thr Gly Pro  
20

<210> 55

<211> 24

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 55

Gly Pro Leu His Arg Thr Leu Leu Val Asp Met Cys Cys Trp Leu Met  
1 5 10 15

Ser Leu Glu Ser Asn Met Gly Pro  
20

<210> 56

<211> 35

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 56

Glu Phe Gly Val Arg Val Val Cys Val Val Arg Ser Leu Phe Val Leu  
1 5 10 15

Arg Cys Gly Leu Leu Arg Cys Arg Gly Val Leu Arg Ser Ala Glu Ile  
20 25 30

Tyr Glu Ser  
35

<210> 57

<211> 34

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 57

Glu Phe Val Arg Glu Cys Ser Leu Cys Arg Val Met Val Leu Met Phe  
1 5 10 15

Val Leu Arg Gly Ile Arg Leu Arg Val Leu Arg Ser Ala Glu Ile Tyr  
20 25 30

Glu Ser

<210> 58

<211> 35

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 58

Glu Phe Gly Val Arg Leu Leu Val Leu Leu Arg Leu Arg Cys Val Arg  
1 5 10 15

Arg Gly Gly Gly Cys Phe Val Cys Trp Val Leu Arg Ser Ala Glu Ile  
20 25 30

Tyr Glu Ser  
35

<210> 59  
<211> 33  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 59  
Gly Ser Gly Phe Arg Met Arg Val Leu Val Met Val Cys Arg Leu Arg  
1 5 10 15

Val Val Phe Leu Val Arg Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu  
20 25 30

Ser

<210> 60  
<211> 32  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 60  
Gly Arg Leu Gly Trp Leu Arg Leu Leu Cys Val Arg Ile Val Leu Val  
1 5 10 15

Cys Leu Arg Arg Gly Leu Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

<210> 61  
<211> 37  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 61  
Glu Phe Gly Ser Gly Trp Tyr Val Asp Leu Gly Asp Tyr Ser Val Trp  
1 5 10 15

Val Asp Tyr Val Tyr Cys Gly Ser Gly Ser Leu Asp Leu Gln Arg Ser  
20 25 30

Ser Asn Arg Arg Tyr  
35

<210> 62  
<211> 24  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 62  
Gly Pro Ser Gln Cys Ala Gln Arg Val Ala Leu Ile Gln Met Tyr Ile  
1 5 10 15

Asp Ala Leu Val Cys Ile Gly Pro  
20

<210> 63  
<211> 35  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<220>  
<221> MOD\_RES  
<222> (19)  
<223> Variable amino acid

<400> 63

Glu Phe Gly Ser Gly Cys Val Arg Ile Arg Val Gly Ile Val Arg Arg  
1 5 10 15

Met Leu Xaa Leu Arg Phe Val Phe Leu Val Leu Arg Ser Ala Glu Ile  
20 25 30

Tyr Glu Ser  
35

<210> 64

<211> 32

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 64

Gly Pro Leu Leu Asp Pro Met Leu Arg Gln Arg Phe Ser Leu Arg Val  
1 5 10 15

Trp Ile Met Leu Leu Gly Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

<210> 65

<211> 24

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 65

Gly Pro Asn Ser Trp Val Trp Arg Tyr Val Thr Ile Ala His Trp Leu  
1 5 10 15

Ala Asn Tyr Arg Met Ser Gly Pro  
20

<210> 66

<211> 32

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 66

Gly Pro Ala Met Lys Ser Cys Thr Ile Arg Val Phe Arg Val Cys Ile  
1 5 10 15

Val Leu Arg Ile Val Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

<210> 67

<211> 35

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 67

Glu Phe Gly Val Arg Met Arg Leu Met Ile Arg Ile Phe Arg Gly Leu  
1 5 10 15

Phe Val Leu Arg Gly Phe Arg Gly Leu Val Leu Arg Ser Ala Glu Ile  
20 25 30

Tyr Glu Ser

35

<210> 68

<211> 24

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 68

Gly Pro Val Pro Ser Ser Pro Cys Ser Phe Leu Leu Tyr Cys Arg Asp  
1 5 10 15

Val Leu Cys His Trp Pro Gly Pro  
20

<210> 69

<211> 26

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 69

Gly Pro Cys Glu Pro Phe Ile Gly Asp Cys Trp Pro Cys Leu Ile Arg  
1 5 10 15

Thr Leu Val Thr Leu Arg Gly Leu Asp Leu  
20 25

<210> 70

<211> 32

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 70

Gly Pro Trp Trp Lys Asp Arg Gly Val Leu Val Arg Leu Cys Val Leu  
1 5 10 15

Arg Leu Val Val Gly Val Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

<210> 71

<211> 32

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<221> MOD\_RES

<222> (18)

<223> Variable amino acid

<400> 71

Gly Pro Arg Leu Leu Val Arg Met Arg Gly Trp Cys Arg Val Ser Leu  
1 5 10 15

Ile Xaa Phe Trp Leu Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

<210> 72

<211> 35

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 72

Glu Phe Arg Val Arg Ile Ile Val Val Ser Leu Arg Ile Trp Arg Leu  
1 5 10 15

Leu Val Arg Arg Arg Cys Leu Cys Leu Val Leu Arg Ser Ala Glu Ile  
20 25 30

Tyr Glu Ser  
35

<210> 73  
<211> 32  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 73  
Gly Pro Val Glu Cys Ala Asp Val Leu Phe Ala Ser Arg Ile Arg Leu  
1 5 10 15

Leu Cys Leu Cys Phe Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

<210> 74  
<211> 34  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 74  
Glu Phe Gly Arg Arg Leu Leu Val Phe Arg Leu Ser Val Phe Val Val  
1 5 10 15

Val Leu Gly Arg Arg Leu Ser Arg Val Leu Arg Ser Ala Glu Ile Tyr  
20 25 30

Glu Ser

<210> 75  
<211> 33  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 75  
Gly Ala Gly Leu Gly Arg Val Ile Arg Leu Arg Ile Val Val Leu Arg  
1 5 10 15

Cys Ile Phe Leu Leu Phe Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu  
20 25 30

Ser

<210> 76  
<211> 28  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 76  
Gly Pro Phe Pro Phe Asp Tyr Pro Arg Trp Ile Met Ile Val Leu Leu  
1 5 10 15

Arg Gly Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25

<210> 77  
<211> 33  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 77  
Gly Ser Arg Gly Leu Arg Leu Cys Leu Leu Gly Arg Cys Arg Leu Cys  
1 5 10 15

Gly Cys Leu Ile Ile Met Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu  
20 25 30

Ser

<210> 78  
<211> 24  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 78  
Gly Pro Glu Ser Tyr Val Leu Trp Pro Ala Arg Gly Glu Ala Leu Tyr  
1 5 10 15

Tyr Leu Arg Ala Trp Leu Gly Pro  
20

<210> 79  
<211> 33  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 79  
Gly Ser Arg Cys Ile Arg Arg Arg Ile Ser Ile Leu Phe Phe Val Phe  
1 5 10 15

Arg Val Leu Arg Ser Arg Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu  
20 25 30

Ser

<210> 80  
<211> 32  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 80  
Gly Pro Phe Ser Glu His Ala Arg Gly His Val Val Thr Ile Cys Arg  
1 5 10 15

Leu Arg Leu Leu Phe Trp Leu Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

<210> 81  
<211> 32  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 81  
Gly Pro Ser Ser Leu Leu Arg Arg Cys Leu Ile Leu Gly Met Val Leu  
1 5 10 15

Gly Val Leu Arg Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

<210> 82  
<211> 24  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 82  
Gly Pro His Pro Val Leu Ala Val Gln Leu Ile Asn Ala Tyr Leu Gly  
1 5 10 15

Leu Glu Arg Val Gly Arg Gly Pro  
20

<210> 83  
<211> 24  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 83  
Gly Pro Leu Pro Ser Gly Ala Val Ser Thr Glu Ala Tyr Phe Trp Glu  
1 5 10 15

Val Phe Lys Leu Leu Met Gly Pro  
20

<210> 84  
<211> 32  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 84  
Gly Pro Tyr Pro Tyr Leu Arg Ile Leu Leu Val Gln Lys Ile Ala Cys  
1 5 10 15

Val Arg Arg Ala Leu Trp Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

<210> 85  
<211> 35  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 85  
Gly Pro Val Gly Val Glu Gly Val Asp Ser Val Phe Gly Trp Cys Val  
1 5 10 15

Val Cys Phe Leu Leu Val Trp Ser Leu Asp Leu Gln Arg Ser Ser Asn  
20 25 30

Arg Arg Tyr  
35

<210> 86  
<211> 35  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 86  
Glu Phe Arg Val Arg Val Leu Gly Cys Met Gly Val Phe Leu Arg Leu  
1 5 10 15

Arg Phe Cys Gly Gly Leu Arg Leu Arg Val Leu Arg Ser Ala Glu Ile  
20 25 30

Tyr Glu Ser  
35

<210> 87  
<211> 33  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 87  
Gly Ser Gly Leu Val Ser Gly Arg Gly Ile Ile Val Arg Arg Met Leu  
1 5 10 15

Phe Leu Arg Val Leu Leu Trp Val Leu Arg Ser Ala Glu Ile Tyr Glu  
20 25 30

Ser

<210> 88  
<211> 32  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 88  
Gly Pro Phe Glu Asn Trp Arg Val Glu Glu Leu Ala Arg Gly Arg Tyr  
1 5 10 15

Arg Met His Gly Asp Val Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

<210> 89  
<211> 24  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 89  
Gly Pro Ile Asp Cys Ile Ile Phe Leu Leu Trp Tyr Ser Arg Gln Gln  
1 5 10 15

Arg Gly Gly Ser Arg Gly Gly Pro  
20

<210> 90  
<211> 33  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 90  
Gly Ser Arg Phe Arg Val Phe Val Cys Ser Leu Phe Ser Phe Leu Ser  
1 5 10 15

Gly Arg Gly Gly Val Val Val Leu Arg Ser Ala Glu Ile Tyr Glu  
20 25 30

Ser

<210> 91  
<211> 32  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 91  
Gly Pro Phe Lys Arg Cys His Glu Arg Leu Val Ala Phe Ala Arg Cys  
1 5 10 15

Trp Phe Met Trp Ser Met Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

<210> 92  
<211> 32  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 92  
Gly Pro Ser Asn Asp Asn Gln Leu Val Leu Arg Val Arg Ile Leu Arg  
1 5 10 15

Val Leu Ile Val Met Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

<210> 93  
<211> 25  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 93  
Arg Val Arg Arg Met Arg Leu Leu Val Arg Leu Met Gly Ser Asp Asp  
1 5 10 15

Ser Gly Thr Ile Pro Asp Phe Gly Pro  
20 25

<210> 94  
<211> 24  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 94  
Gly Pro Ser Leu Gln Phe Leu Glu Val Val Val Ser Cys Tyr Met Val  
1 5 10 15

Leu Tyr Asp Leu Ser Lys Gly Pro  
20

<210> 95  
<211> 34  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 95  
Gly Pro Gln Pro Phe Cys Ser Pro Pro Ser Phe Tyr Thr Arg Leu Leu  
1 5 10 15

Ile Ile Val Arg Leu Leu Ser Leu Asp Leu Gln Arg Ser Ser Asn Arg  
20 25 30

Arg Tyr

<210> 96  
<211> 23  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 96  
Gly Pro Ala Pro Leu Ser Leu Cys Val Cys Lys Cys Gly Cys Gly His  
1 5 10 15

Thr Arg Pro Phe Val Gly Pro  
20

<210> 97  
<211> 21  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 97  
Gly Pro Asp Val His Ile Trp Gln Ser Ile Ile Phe Tyr Ala Met Arg  
1 5 10 15

His Met Met Gly Pro  
20

<210> 98  
<211> 33  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 98  
Gly Ser Gly Cys Gly Cys Phe Val Arg Gly Arg Ile Val Arg Ile Arg  
1 5 10 15

Cys Val Ile Leu Leu Leu Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu  
20 25 30

Ser

<210> 99  
<211> 32  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 99  
Gly Pro His Ser Ser Ala His Asp Arg Ile Trp Leu Arg Val Arg Gly  
1 5 10 15

Leu Arg Ile Ile Leu Leu Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

<210> 100  
<211> 33  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 100  
Gly Ser Gly Leu Cys Val Arg Arg Trp Trp Gly Met Ser Val Gly Ser  
1 5 10 15

Arg Ile Met Leu Val Met Leu Val Leu Arg Ser Ala Glu Ile Tyr Glu  
20 25 30

Ser

<210> 101  
<211> 35  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 101  
Gly Pro Val Tyr Ser Glu Ala Phe Val Cys Leu Val Cys Ala Gly Val  
1 5 10 15

Cys Val Glu Glu Cys Gly Gly Ser Leu Asp Leu Gln Arg Ser Ser Asn  
20 25 30

Arg Arg Tyr  
35

<210> 102  
<211> 24  
<212> PRT  
<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 102

Gly Pro Ile Glu Thr Val Gly Phe Ile Val Arg Leu His Thr Leu Leu  
1 5 10 15Met Val Leu Arg Arg Thr Gly Pro  
20

&lt;210&gt; 103

&lt;211&gt; 24

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 103

Gly Pro Leu His Arg Thr Leu Leu Val Asp Met Cys Cys Trp Leu Met  
1 5 10 15Ser Leu Glu Ser Asn Met Gly Pro  
20

&lt;210&gt; 104

&lt;211&gt; 33

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 104

Gly Val Arg Val Val Cys Val Val Arg Ser Leu Phe Val Leu Arg Cys  
1 5 10 15Gly Leu Leu Arg Cys Arg Gly Val Leu Arg Ser Ala Glu Ile Tyr Glu  
20 25 30

Ser

&lt;210&gt; 105

&lt;211&gt; 32

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 105

Val Arg Glu Cys Ser Leu Cys Arg Val Met Val Leu Met Phe Val Leu  
1 5 10 15Arg Gly Ile Arg Leu Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

&lt;210&gt; 106

&lt;211&gt; 33

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 106

Gly Val Arg Leu Leu Val Leu Leu Arg Leu Arg Cys Val Arg Arg Gly  
1 5 10 15Gly Gly Cys Phe Val Cys Trp Val Leu Arg Ser Ala Glu Ile Tyr Glu  
20 25 30

Ser

&lt;210&gt; 107

&lt;211&gt; 33

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 107

Gly Ser Gly Phe Arg Met Arg Val Leu Val Met Val Cys Arg Leu Arg  
1 5 10 15Val Val Phe Leu Val Arg Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu  
20 25 30

Ser

<210> 108

<211> 32

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 108

Gly Arg Leu Gly Trp Leu Arg Leu Leu Cys Val Arg Ile Val Leu Val  
1 5 10 15

Cys Leu Arg Arg Gly Leu Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

<210> 109

<211> 35

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 109

Gly Ser Gly Trp Tyr Val Asp Leu Gly Asp Tyr Ser Val Trp Val Asp  
1 5 10 15

Tyr Val Tyr Cys Gly Ser Gly Ser Leu Asp Leu Gln Arg Ser Ser Asn  
20 25 30

Arg Arg Tyr

35

<210> 110

<211> 24

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 110

Gly Pro Ser Gln Cys Ala Gln Arg Val Ala Leu Ile Gln Met Tyr Ile  
1 5 10 15

Asp Ala Leu Val Cys Ile Gly Pro  
20

<210> 111  
<211> 25

<212> PRT  
<213> Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 111

Gly Ser Gly Cys Val Arg Ile Arg Val Gly Ile Val Arg Arg Met Leu  
1 5 10 15

Phe Leu Arg Phe Val Phe Leu Val Pro  
20 25

&lt;210&gt; 112

&lt;211&gt; 32

<212> PRT  
<213> Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 112

Gly Pro Leu Leu Asp Pro Met Leu Arg Gln Arg Phe Ser Leu Arg Val  
1 5 10 15

Trp Ile Met Leu Leu Gly Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

&lt;210&gt; 113

&lt;211&gt; 24

<212> PRT  
<213> Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic peptide

&lt;400&gt; 113

Gly Pro Asn Ser Trp Val Trp Arg Tyr Val Thr Ile Ala His Trp Leu  
1 5 10 15

Ala Asn Tyr Arg Met Ser Gly Pro  
20

&lt;210&gt; 114

&lt;211&gt; 32

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 114  
Gly Pro Ala Met Lys Ser Cys Thr Ile Arg Val Phe Arg Val Cys Ile  
1 5 10 15

Val Leu Arg Ile Val Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

<210> 115  
<211> 33  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 115  
Gly Val Arg Met Arg Leu Met Ile Arg Ile Phe Arg Gly Leu Phe Val  
1 5 10 15

Leu Arg Gly Phe Arg Gly Leu Val Leu Arg Ser Ala Glu Ile Tyr Glu  
20 25 30

Ser

<210> 116  
<211> 24  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 116  
Gly Pro Val Pro Ser Ser Pro Cys Ser Phe Leu Leu Tyr Cys Arg Asp  
1 5 10 15

Val Leu Cys His Trp Pro Gly Pro  
20

<210> 117  
<211> 34  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 117  
Gly Pro Cys Glu Pro Phe Ile Gly Asp Cys Trp Pro Cys Leu Ile Arg  
1 5 10 15

Thr Leu Val Thr Leu Arg Gly Leu Asp Leu Gln Arg Ser Ser Asn Arg  
20 25 30

Arg Tyr

<210> 118  
<211> 32  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 118  
Gly Pro Trp Trp Lys Asp Arg Gly Val Leu Val Arg Leu Cys Val Leu  
1 5 10 15

Arg Leu Val Val Gly Val Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

<210> 119  
<211> 32  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<220>  
<221> MOD\_RES  
<222> (18)  
<223> Variable amino acid

<400> 119  
Gly Pro Arg Leu Leu Val Arg Met Arg Gly Trp Cys Arg Val Ser Leu  
1 5 10 15

Ile Xaa Phe Trp Leu Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

<210> 120  
<211> 33  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 120  
Arg Val Arg Ile Ile Val Val Ser Leu Arg Ile Trp Arg Leu Leu Val  
1 5 10 15

Arg Arg Arg Cys Leu Cys Leu Val Leu Arg Ser Ala Glu Ile Tyr Glu  
20 25 30

Ser

<210> 121  
<211> 32  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 121  
Gly Pro Val Glu Cys Ala Asp Val Leu Phe Ala Ser Arg Ile Arg Leu  
1 5 10 15

Leu Cys Leu Cys Phe Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

<210> 122  
<211> 32  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 122  
Gly Arg Arg Leu Leu Val Phe Arg Leu Ser Val Phe Val Val Val Leu  
1 5 10 15

Gly Arg Arg Leu Ser Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

<210> 123

<211> 33

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 123

Gly Ala Gly Leu Gly Arg Val Ile Arg Leu Arg Ile Val Val Leu Arg  
1 5 10 15

Cys Ile Phe Leu Leu Phe Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu  
20 25 30

Ser

<210> 124

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 124

Gly Pro Phe Pro Phe Asp Tyr Pro Arg Trp Ile Met Ile Val Leu Leu  
1 5 10 15

Arg Gly Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25

<210> 125

<211> 33

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 125

Gly Ser Arg Gly Leu Arg Leu Cys Leu Leu Gly Arg Cys Arg Leu Cys  
1 5 10 15

Gly Cys Leu Ile Ile Met Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu  
20 25 30

Ser

<210> 126  
<211> 24  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 126  
Gly Pro Glu Ser Tyr Val Leu Trp Pro Ala Arg Gly Glu Ala Leu Tyr  
1 5 10 15

Tyr Leu Arg Ala Trp Leu Gly Pro  
20

<210> 127  
<211> 33  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 127  
Gly Ser Arg Cys Ile Arg Arg Arg Ile Ser Ile Leu Phe Phe Val Phe  
1 5 10 15

Arg Val Leu Arg Ser Arg Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu  
20 25 30

Ser

<210> 128  
<211> 32  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 128  
Gly Pro Phe Ser Glu His Ala Arg Gly His Val Val Thr Ile Cys Arg  
1 5 10 15

Leu Arg Leu Leu Phe Trp Leu Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

<210> 129  
<211> 32  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 129  
Gly Pro Ser Ser Leu Leu Arg Arg Cys Leu Ile Leu Gly Met Val Leu  
1 5 10 15

Gly Val Leu Arg Arg Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

<210> 130  
<211> 24  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 130  
Gly Pro His Pro Val Leu Ala Val Gln Leu Ile Asn Ala Tyr Leu Gly  
1 5 10 15

Leu Glu Arg Val Gly Arg Gly Pro  
20

<210> 131  
<211> 24  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 131  
Gly Pro Leu Pro Ser Gly Ala Val Ser Thr Glu Ala Tyr Phe Trp Glu  
1 5 10 15

Val Phe Lys Leu Leu Met Gly Pro  
20

<210> 132  
<211> 32  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 132  
Gly Pro Tyr Pro Tyr Leu Arg Ile Leu Leu Val Gln Lys Ile Ala Cys  
1 5 10 15

Val Arg Arg Ala Leu Trp Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser  
20 25 30

<210> 133  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 133  
Ala Glu Ile Tyr Glu Ser  
1 5